The floods in the lower Rio Grande and the upper Willamette were well forecast and without serious consequence.

ATLANTIC DRAINAGE Lehigh, Mauch Chunk, Pa 12 17 17 13.5 17 Busquehanna: Oneonta, N. Y 12 17 17 12.3 17 Bainbridge, N. Y 11 18 21 11.5 19 Binghamton, N. Y 14 17 17 14.4 17 Towanda, Pa 20 17 18 22.8 17 Wilkes-Barre, Pa 20 17 18 22.8 17 Unadilla, New Berlin, N. Y 18 17 17 17.0 17 James, Columbia, Va 18 18 18 18 19.6 18 Saluda, Pelzer, S. C 7 16 16 7.0 16 MISSISSIPPI DRAINAGE Tuscarawas, Gnadenhutten, Ohio 9 1 3 3 11.4 1 Little Kanawha: Glenville, W. Va 23 16 17 17 23.7 17 Scioto, Circleville, Ohio 10 (1) 2 11.5 17 Scioto, Circleville, Ohio 10 (1) 2 11.5 17 French Broad, Asheville, N. C 4 16 16 4.0 16 Big Pigeon, Newport, Tenn 6 16 16 6.4 16 Big Pigeon, Newport, Tenn 6 16 16 6.4 16 Big Pigeon, Newport, Tenn 11 14 (1) 7 23.4 0 Big Pigeon, Newport, Tenn 14 (1) 7 23.4 0 Big Pigeon, Newport, Tenn 19 10 (1) 18.8 2 0 Big Pigeon, Newport, Tenn 10 (1) 18.8 2 0 Big Pigeon, Newport, Tenn 10 (1) 18.8 2 0 Big Pigeon, Newport, Tenn 14 (1) 7 23.4 0 Big Pigeon, Newport, Tenn 14 (1) 7 23.4 0 Big Pigeon, Newport, Tenn 14 (1) 7 23.4 0 Big Pigeon, Newport, Tenn 14 (1) 7 23.4 0 Big Pigeon, Newport, Tenn 14 (1) 7 23.4 0 Big Pigeon, Newport, Tenn 15 (2) 14.9 Nov. 19 Beardstown, Ill 14 (1) 7 23.4 0 Beardstown, Ill 14 (1) 7 23.4 0 Beardstown, Ill 14 (1) 7 23.4 0 Beardstown, Ill 14 (1) 7 22.0 Nov. 23-24 Beardstown, Ill 14 (1) 7 17.8 Nov. 23-24 Beardstown, Ill 14 (1) 7 18.6 Nov. 23-24 Beardstown, Ill 14 (1) 7 18.6 Nov. 23-24 Beardstown, Ill 14 (1) 7 18.2 22.0 Nov. 23-24 Beardstown, Ill 14 (1) 7 18.2 22.0 Nov. 23-24 Beardstown, Ill 14 (1) 7 18.2 22.0 Nov. 23-24 Beardstown, Ill 14 (1) 7 18.3 23.3 18 Beardstown, Ill 14 (1) 7 18.2 23.3 23.3 23.3 23.3 23.3 23.3 23.3 2	River and station	Flood	Above flood stages—dates		Crest	
Lehigh, Mauch Chunk, Pa		stage	From-	То—	Stage	Date
Lehigh Mauch Chunk, Pa 12 17 17 13.5 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 18	ATLANTIC DRAINAGE					
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Towanda, Pa. 16 17 17 17 17 17 17 17	Oneonta, N. Y	12	17			
Towanda, Pa. 16 17 17 17 17 17 17 17	Bainbridge, N. Y	11				
Towanda, Pa. 16 17 17 17 17 17 17 17	Binghamton, N. Y	14				
Harrisburg, Pa	Towanda, Pa	16				
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James, Columbia, Va. 18 18 18 19.6 18 18 18 19.6 16 16 16 16 16 16 16	Harrisburg, Pa	17				
Saluda, Pelzer, S. C.	Unadilla, New Berlin, N. I	10				
Mississippi drainage	James, Columbia, Va	10				
Tuscarawas, Gnadenhutten, Ohio 9 1 3 11.4 1 Little Kanawha: Glenville, W. Va 23 16 17 33.6 18 Creston, W. Va 20 17 17 23.7 17 Scioto, Circleville, Ohio 10 (1) 2 11.5 1 Tippecance, Norway, Ind 6 16 16 6.2 16 French Broad, Asheville, N. C 4 16 16 6.2 16 Big Pigeon, Newport, Tenn 6 16 16 6.4 16 Big Pigeon, Newport, Tenn 13 15 20 14.9 16 Big Pigeon, Ill 14 (1) 7 23.4 Oct. 7 Henry, Ill 10 (1) 1 18.2 Oct. 8-9 Peru, Ill 14 (1) 11 23.4 Oct. 8-9 Peoria, Ill 14 (1) 11 23.4 Oct. 8-9 Peoria, Ill 14 (1) 11 23.4 Oct. 8-9 Pearl, Ill 14 (1) 12 22.0 Oct. 8-9 Pearl, Ill 15 (1) 12 22.0 Oct. 8-9 Pearl, Ill 16 (1) 18 (1) Oct. 8-9 Pearl, Ill 17 (2) 21.0 Nov. 23-24. Petit Jean, Danville, Ark 20 16 18 21.9 Nov. 19 WEST GULF DRAINAGE Guadalupe, Victoria, Tex 16 1 17.8 In Rio Grande: Rio Grande City, Tex 21 1 1 3 21.5 San Benito, Tex 21 2 3 23.3 23.3			10	10	1.0	10
Little Kanawha: Glenville, W. Va. 23		9	1 1	3	11.4	1
Glenville, W. Va	Little Kanawha	1	1 -		-2	_
Tippecance, Norway, Ind.	Glenville, W. Va	23	16	17	33.6	16
Tippecance, Norway, Ind.	Creston, W. Va	20				17
Tippecance, Norway, Ind.	Scioto, Circleville, Ohio	10				1
Big Pigeon, Newport, Tenn	Tippecance, Norway, ind	1 6				
Illinois:	French Broad, Asheville, N. C	4				
Morris, III	Big Pigeon, Newport, Tenn	6	10	10	0.4	10
Peru, III	Illinois:	19	15	-20	14.0	16
Henry, III	Doen 111	14				
Henry, Ill.	1 01 u, m	**				
Peoria, Ill	Henry, III	10				Oct. 8-9.
Havana, III	• ,					Nov. 22.
Havana, III	Peoria, Ill	18	17			
Beardstown, Ill	Havana, Ill	14				
Second rise				(2)		
Pearl, III	Beardstown, Ill	14	(1)	(4)		
Petit Jean, Danville, Ark 20 16 18 21.9 Nov. 17 WEST GULF DRAINAGE Guadalupe, Victoria, Tex 16 1 1 17.8 Rio Grande: Rio Grande City, Tex 21 1 1 3 21.5 23.3 PACIFIC DRAINAGE Willamette, Eugene, Oreg 12 30 (7) 14.0 33	Becond rise	19	//			
Petit Jean, Danville, Ark	Pearl, III	. 12				
Guadalupe, Victoria, Tex.	Petit Jean, Danville, Ark	20				Nov. 17
Rio Grande City, Tex. 21 1 3 21.5	WEST GULF DRAINAGE]	•		!
Rio Grande City, Tex. 21 1 1 3 21.5 1 21 2 3 23.3 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 3	Guadalupe, Victoria, Tex	16	1	1	17.8	1
San Benito, Tex	Rio Granda City Tay	21	1	1 1	3 21 5	1
Willamette, Eugene, Oreg. 12 30 (*) 14.0 30	San Benito, Tex.	21				2
Willamette, Eugene, Oreg. 12 30 (*) 14.0 30 Santiam Jefferson, Oreg 10 30 30 12.0 33	PACIFIC DRAINAGE			1		
Santiam Jefferson Oreg 10 30 12.0	Willemette Eugene Oreg	19	30	(2)	14.0	1 30
	Santiam Jefferson, Oreg	10				30

Continued from last month.
 Continued at end of month.
 Estimated.

MEAN LAKE LEVELS DURING NOVEMBER, 1926

By United States Lake Survey [Detroit, Mich., December 3, 1926]

The following data are reported in the Notice to Mariners of the above date:

	Lakes t					
Data	Superior	Superior Michigan and Erie Huron	Erie	Ontario		
Mean level during November, 1926: Above mean sea level at New York Above or below—	Feet 601. 75	Feet 578. 22	Fcet 571. 52	Feet 245, 24		
Mean stage of October, 1926 Mean stage of November, 1925 A verage stage for November, last	+0.07 +0.69	-0.10 +0.54	-0.17 + 1.07	+0, 31 +0, 93		
10 years Highest recorded November	-0.48	-1.61	-0.14	-0.09		
stage	-1.76 +0.69	-4.70 +0.54	-2.15 + 1.07	-2.58 +1.83		
ber level from the October level	-0.17	-0.27	-0.26	-0.25		

¹ Lake St. Clair's level: In November, 1926, 573.92 feet.

EFFECT OF WEATHER ON CROPS AND FARMING OPERATIONS, NOVEMBER, 1926

By J. B. KINCER

General summary.—During the first 10 days of the month the generally fair weather was favorable for field work, and good progress was made in seasonal farm operations, except that near the close of this period there was considerable interruption by widespread rains over the eastern half of the country. Temperatures were also favorable for drying out corn in the central valley States, and frost damage was of minor consequence. It continued too dry, however, in the west-central Great Plains, and moisture was needed in parts of the Southeast, while severe drought continued in the western Great Basin.

About the middle of the month generous to heavy rains in the Southeast relieved droughty conditions that had prevailed in much of that section, the rains being especially welcome in Virginia and the Carolinas. Widespread precipitation east of the Great Plains interrupted farm work during the middle portion of the month, but conditions continued especially favorable for livestock over the great western grazing districts.

In the interior valley States the latter part of the month had less precipitation and warmer weather than previously, which made better conditions for seasonal farm operations. In the South, the weather was generally favorable but in the more northern States from the Great Plains eastward cold weather and frequent precipitation were unfavorable. In the south Atlantic area the warm, dry, and sunny weather, following the previous rains, made ideal conditions for winter truck crops and cereals, and there was little interruption to field work. The droughty conditions in the west-central Great Plains continued at the close of the month, but generous to heavy precipitation in nearly all sections west of the Rocky Mountains was favorable.

Small grains.—Early-seeded winter wheat came up to a good stand generally in the central valley States and the Great Plains, and the month, on the whole was favorable for the crop, except that in the extreme western portion of the belt moisture was deficient. About the middle of November precipitation benefited the lower Missouri Valley, and the increased moisture in the far Northwest improved wheat, especially in the North Pacific Coast States. In the eastern Wheat Belt the crop made rather slow growth during the middle and latter parts of the month, but the early-seeded generally did well.

Corn.—During the first part of November the corn crop dried out very well under the influence of the prevailing fair weather, but after the first week rain or snow over much of the belt was unfavorable, and the grain was too damp in many sections for proper cribbing. Some further molding in fields and cribs was reported from the Ohio Valley States, but housing progressed favorably in the Northwest and also in the western portions of the Corn Belt. During the latter part of the month the generally warm weather and occasional rain kept the fields soft and muddy in the East, and husking made rather slow progress, with some sections reporting further deterioration in quality.

Cotton.—Freezing weather in the northeastern portion of the Cotton Belt early in the month damaged some